Iowa Department of Natural Resources
Title V Operating Permit

Name of Permitted Facility: Pella Corp. – Sioux Center Operations
Facility Location: 1800 N. Main Avenue, Sioux Center, IA 51250
Air Quality Operating Permit Number: 03-TV-011-M001
Expiration Date: 4/21/08

EIQ Number: 92-6892
Facility Number: 84-03-018

Responsible Official
Name: Chris Simpson
Title: Senior Group Vice President – Manufacturing
Mailing Address: 102 Main Street, Pella, IA 50219
Phone # (641) 621-1000

Permit Contact Person for the Facility
Name: Terry Noteboom
Title: Sr. Project Engineer
Mailing Address: 102 Main Street, Pella, IA 50219
Phone # (641) 621-1000

This permit is issued in accordance with 567 Iowa Administrative Code Chapter 22, and is issued subject to the terms and conditions contained in this permit.

For the Director of the Department of Natural Resources

Douglas A. Campbell, Supervisor of Air operating Permits Section Date

Table of Contents

Abbreviations

acfm.....actual cubic feet per minute
CFR.....Code of Federal Regulation
^{o}F.....degrees Fahrenheit
EIQ.....emissions inventory questionnaire
gr/dscf .....grains per dry standard cubic foot
gr/100 cf.....grains per one hundred cubic feet
IAC.....Iowa Administrative Code
IDNR.....Iowa Department of Natural Resources
MVAC.....motor vehicle air conditioner
NSPS.....new source performance standard
ppmv .....parts per million by volume
lb/hr.....pounds per hour
lb/MMBtu .....pounds per million British thermal units
scfm.....standard cubic feet per minute
TPY .....Tons per year
USEPA.....United States Environmental Protection Agency

Pollutants

PM.....particulate matter
PM_{10} .....particulate matter ten microns or less in diameter
SO_2 .....sulfur dioxide
NO_x .....nitrogen oxides
VOC .....volatile organic compound
CO.....carbon monoxide
HAP.....hazardous air pollutant

I. Facility Description and Equipment List –

Facility Name: Pella Corporation – Sioux Center Operations.
Permit Number: 03-TV-011-M001

Facility Description: Millwork (SIC 2431)

Equipment List

Emission Point Number	Associated Emission Units Numbers	Associated Emission Unit Description
EP-1	EU-1	
EP-2	EU-2	
Wood Treatment System		
EP-CO	EU-3	
	EU-4A	
	EU-4B	
	EU-5	
	EU-6	
	EU-CO	
EP-3 (Bypass Stack)	EU-3	
EP-4A (Bypass Stack)	EU-4A	
EP-4B (Bypass Stack)	EU-4B	
EP-5 (Bypass Stack)	EU-5	
EP-6 (Bypass Stack)	EU-6	
Painting and Aluminum Pretreatment		
EP-7	EU-7	
EP-8	EU-8	
EP-9	EU-9	
EP-10	EU-10	
EP-11	EU-11	
EP-12	EU-12	
EP-13	EU-13	
EP-14	EU-14	
EP-15	EU-15	
EP-16	EU_17	
EP-17		
EP-18	EU-18	
EP-19	EU-19	
EP-AST	EU-AST	
Fugitive-Surf. App.	EU-Surface App.	

Insignificant Equipment List

Insignificant Emission Unit Number	Insignificant Emission Unit Description
Insig. – 1	Indoor Wood Dust Collection Systems (15 systems)
Insig. – 2	Combustion Units; Plant heaters (42 Heaters at 0.1 MMBtu/hr, 1 Heater at 0.95 MMBtu/hr, and 2 Heaters at 6.05 MMBtu/hr)
Insig. – 3	Emergency Generator (380 Brake Horsepower
Insig. – 4	Solvent Based Parts Washing
Insig. – 5	Welding, Like Processes

II. Plant-Wide Conditions

Facility Number: Pella Corporation – Sioux Center Operations
Permit Number: 03-TV-011-M001

Permit conditions are established in accord with 567 Iowa Administrative Code Rule 22.108

Permit Duration

The term of this permit is: Five (5) years from permit issuance.
Commencing on: 4/22/03
Ending on: **4/21/08**
Amendments, modifications and reopenings of the permit shall be obtained in accordance with 567 Iowa Administrative Code rules 22.110 – 22.114. Permits may be suspended, terminated, or revoked as specified in 567 Iowa Administrative Code Rules 22.115.

Plant-Wide Emission Limits
Unless specified otherwise in the Source Specific Conditions, the following limitations and supporting regulations apply to all emission points at this plant:

Pollutant: Single HAP
Emission Limit: 9.4 tpy (*)
Authority for Requirement: Iowa DNR Construction Permits 01-A-917-S1, 00-A-536-S1.

(*) The facility is under a facility wide bubble limit of 9.4 tpy for Individual HAP and a facility wide bubble limit of 24.4 tpy for Total HAP. The facility wide bubble limit of 9.4 tpy for Individual HAP and the facility wide bubble limit of 24.4 tpy for Total HAP are to remain a synthetic minor for 112(g).

Pollutant: Total HAP
Emission Limit: 24.4 tpy (*)
Authority for Requirement: Iowa DNR Construction Permits 01-A-917-S1, 00-A-536-S1.

Opacity (visible emissions): 40% opacity
Authority for Requirement: 567 IAC 23.3(2)"d"

Sulfur Dioxide (SO_2): 500 parts per million by volume

Authority for Requirement: 567 IAC 23.3(3)"e"

Particulate Matter (state enforceable only)[1]:
No person shall cause or allow the emission of particulate matter from any source in excess of the emission standards specified in this chapter, except as provided in 567 – Chapter 24. For

[1] This is the current language in the Iowa Administrative Code (IAC). This version of the rule is awaiting EPA approval to become part of Iowa's State Implementation Plan (SIP). When EPA approves this rule, it will replace the older version and will be considered federally enforceable.

sources constructed, modified or reconstructed after July 21, 1999, the emission of particulate matter from any process shall not exceed an emission standard of 0.1 grain per dry standard cubic foot of exhaust gas, except as provided in 567 – 21.2(455B), 23.1(455B), 23.4(455B) and 567 – Chapter 24.

For sources constructed, modified or reconstructed prior to July 21, 1999, the emission of particulate matter from any process shall not exceed the amount determined from Table I, or amount specified in a permit if based on an emission standard of 0.1 grain per standard cubic foot of exhaust gas or established from standards provided in 23.1(455B) and 23.4(455B). Authority for Requirement: 567 IAC 23.3(2)"a" (as revised 7/21/1999)

Particulate Matter (federally enforceable)[2]:
The emission of particulate matter from any process shall not exceed the amount determined from Table I, except as provided in 567 — 21.2(455B), 23.1(455B), 23.4(455B) and 567 — Chapter 24. If the director determines that a process complying with the emission rates specified in Table I is causing or will cause air pollution in a specific area of the state, an emission standard of 0.1 grain per standard cubic foot of exhaust gas may be imposed. Authority for Requirement: 567 IAC 23.3(2)"a" (prior to 7/21/1999)

Fugitive Dust: Attainment and Unclassified Areas - No person shall allow, cause or permit any materials to be handled, transported or stored; or a building, its appurtenances or a construction haul road to be used, constructed, altered repaired or demolished, with the exception of farming operations or dust generated by ordinary travel on unpaved public roads, without taking reasonable precautions to prevent particulate matter in quantities sufficient to create a nuisance, as defined in Iowa Code section 657.1, from becoming airborne. All persons, with the above exceptions, shall take reasonable precautions to prevent the discharge of visible emissions of fugitive dusts beyond the lot line of the property on which the emissions originate. The highway authority shall be responsible for taking corrective action in those cases where said authority has received complaints of or has actual knowledge of dust conditions which require abatement pursuant to this subrule. Reasonable precautions may include, but not limited to, the following procedures:

1. Use, where practical, of water or chemicals for control of dusts in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land.
2. Application of suitable materials, such as but not limited to asphalt, oil, water or chemicals on unpaved roads, material stockpiles, race tracks and other surfaces which can give rise to airborne dusts.
3. Installation and use of containment or control equipment, to enclose or otherwise limit the emissions resulting from the handling and transfer of dusty materials, such as but not limited to grain, fertilizers or limestone.
4. Covering at all times when in motion, open-bodied vehicles transporting materials likely to give rise to airborne dusts.

[2] This is the current language in the Iowa SIP, and is enforceable by EPA.

5. Prompt removal of earth or other material from paved streets or to which earth or other material has been transported by trucking or earth-moving equipment, erosion by water or other means.

Authority for Requirement: 567 IAC 23.3(2)"c"

III. Emission Point-Specific Conditions

Facility Name: Pella Corporation – Sioux Center Operations
Permit Number: 03-TV-011-M001

Emission Point ID Number: EP-1

Associated Equipment

Associated Emission Unit ID Numbers: EU-1
Emission Control Equipment ID Number: CE-1
Emissions Control Equipment Description: Baghouse

Applicable Requirements

Emission Unit vented through this Emission Point: EU-1
Emission Unit Description: Wood Dust system
Raw Material/Fuel: Wood Sawdust
Rated Capacity: 3.60 MMcf/hr

Emission Limits (lb./hr, gr./dscf. Lb/MMBtu. % opacity, etc.)

The emissions form this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 40%[(1)]
Authority for Requirement: 567 IAC 23.3(2)"d"
Iowa DNR Construction Permit 00-A-469-S4

[(1)]An exceedance of the indicator opacity of (25%) will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the excedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: PM_{10}
Emission Limit(s): 1.14[(2)] lb/hr

[(2)]Facility requested limit.

Authority for Requirement: 567 IAC 23.3(2)"a" (Iowa DNR Construction Permit 00-A-469-S4)

Pollutant: Particulate Matter
Emission Limit(s): 0.1 gr/dscf, 1.83[(2)] lb/hr

[(2)]Facility requested limit.

Authority for Requirement: 567 IAC 23.3(2)"a" (Iowa DNR Construction Permit 00-A-469-S4)

Operation Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Process throughput:

1. The wood dust system is limited to a maximum capacity of 4000 units per day.

Control equipment parameters:

1. The Donaldson Torit dust collector shall be maintained according to manufacturer's specification with a minimum bag efficiency of 99%.

Reporting & Record keeping:

The following records shall be maintained on-site for five (5) years and available for inspection upon request by representatives of the Department of Natural Resources:

1. Maintain monthly records of the maintenance performed on the dust collector.
2. Record the units produced from the wood dust system on a daily basis.

Authority for Requirement: Iowa DNR Construction Permits 00-A-469-S4

Emission Point Characteristics

The emissions point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 29 feet
Discharge Style: Horizontal
Stack Opening, (inches, dia.): 48 inches x 48 inches
Exhaust Temperature (degrees F): Ambient
Exhaust Flowrate (scfm): 60,000 scfm
This emission point has the ability to vent indoors or outdoors.

It shall be the owner's responsibility to ensure that construction conforms to the emission point characteristics stated above. If it is determined that any of the emission point characteristics are

different than stated above, the owner must notify the Department and obtain a construction permit amendment, if required.

Authority for Requirement: Iowa DNR Construction Permit 00-A-469-S4

Periodic Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Stack Testing:

Pollutant – PM/PM_{10}
1st Stack Test Completed on 2.19.2001
1st Stack Test Results: 0.001 gr/dscf PM and 0.71 lb/hr PM_{10} (at 40% of capacity)
2nd Stack Test Completed on 9/11/2001
2nd Stack Test Results: 0.001 gr/dscf PM and 0.74 lb/hr PM_{10} (at 37.5% of capacity)
Test Method – Iowa Compliance Sampling Manual Method 5/201A with 202.
Authority for Requirement – Iowa DNR Construction Permit 00-A-469-S4

The owner of this equipment or the owner's authorized agent shall provide a written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a continuous emission monitor. Results of the test shall be submitted in writing to the director in the form of a comprehensive report within 6 weeks of the completion of the testing 567 IAC 25.1(7)

Agency Approved Operation & Maintenance Plan Required? Yes ☐ No ☒

Facility Maintained Operation & Maintenance Plan Required? Yes ☒ No ☐

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six (6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)"b"

Emission Point ID Number: EP 2

Associated Equipment

Associated Emission Unit ID Number: EU 2
Emissions Control Equipment ID Number: CE-2
Emissions Control Equipment Description: Baghouse

Applicable Requirements

Emission Unit vented through this Emission Point: EU-2
Emission Unit Description : Wood Dust System
Raw Material/fuel: Sawdust
Rated Capacity: 3.60 MMcf/hr

Emission Limits (lb/hr, gr/dscf, lb/MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 40%[(1)]
Authority for Requirement: 567 IAC 23.3(2)"d"
Iowa DNR Construction Permit 00-A-470-S4

[(1)] An exceedance of the indicator opacity of (25%) will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the excedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: PM_{10}
Emission Limit(s): 1.14[(2)] lb/hr

[(2)]Facility requested limit.
Authority for Requirement: 567 IAC 23.3(2)"a"
Iowa DNR Construction Permit 00-A-470-S4

Pollutant: Particulate Matter
Emission Limit(s): 0.1 gr/dscf, 1.83[(2)] lb/hr

[(2)]Facility requested limit.

Authority for Requirement: 567 IAC 23.3(2)"a"
(Iowa DNR Construction Permit 00-A-470-S4)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below:

Process Throughput:

1. The wood dust system is limited to a maximum capacity of 4000 units per day.

Control Equipment Parameters:

1. The Donaldson Torit dust collector shall be maintained according to manufacturer's specification with a minimum bag efficiency of 99%.

Reporting & Record keeping:

The following records shall be maintained on-site for five (5) years and available for inspection upon request by representatives of the Depart of Natural Resources:

1. Maintain monthly records of the maintenance performed on the dust collector.

2. Record the units produced from the wood dust system on a daily basis.

Authority for Requirement: Iowa DNR Construction Permits 00-A-470-S4

Emission Point Characteristics

The emission point shall conform to the specifications listed below:

Stack Height, (ft, from the ground): 29 feet
Discharge Style: Horizontal
Stack Opening, (inches, dia.): 48 inches x 48 inches
Exhaust Temperature (°F) Ambient
Exhaust Flowrate (scfm): 60,000 scfm
This emission point has the ability to vent indoors or outdoors.

It shall be the owner's responsibility to ensure that construction conforms to the emission point characteristics stated above. If it is determined that any of the emission point characteristics are different that state above, the owner must notify the Department and obtain a construction permit amendment, if required.

Authority for Requirement: Iowa DNR Construction Permits 00-A-470-S4

Periodic Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below:

Stack Testing:

Pollutant – PM/PM_{10} (*)

Test Method – Iowa Compliance Sampling Manual Method 5/201A with 202.

(*)The stack testing requirement for EP-2 was fulfilled by completing the stack testing requirements for EP-1.

Authority for Requirement – Iowa DNR Construction Permit 00-A-470-S4

The owner of this equipment or the owner's authorized agent shall provide written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a continuous emission monitor. Results of this test shall be submitted in writing to the Director in the form of a comprehensive report within 6 weeks of the completion of the testing. 567 IAC 25.1(7)

Agency Approved Operation & Maintenance Plan Required? Yes ☐ No ☒

Facility Maintained Operation & Maintenance Plan Required? Yes ☒ No ☐

Facility operation and maintenance plans must be sufficient to yield reliable data from the relevant time periods that are representative of the source's compliance with the applicable requirements.

Facility operation and maintenance plans are to be developed by the facility within six (6) months of the issuance date of this permit and the data pertaining to the plan maintained on site for at least 5 years. The plan and associated recordkeeping provides documentation of this facility's implementation of its obligation to operate according to good air pollution control practice.

Good air pollution control practice is achieved by adoption of quality control standards in the operation and maintenance procedures for air pollution control that are comparable to industry quality control standards for the production processes associated with this emission point.

Authority for Requirement: 567 IAC 22.108(3)"b"

Emission Point ID Number: Wood Treatment System
(EP-CO and bypass Stacks EP-3, EP-4A, EP-4B, EP-5, EP-6)

Associated Equipment

Associated Emission Unit ID Numbers: EU-3, EU-4A, EU-4B, EU-5, EU-6, EU-CO(*)
Emissions Control Equipment ID Number: CE-CO(*)
Emissions Control Equipment Description: Catalytic Oxidizer

(*)The Catalytic Oxidizer is both an emission unit (EU-CO) and a control equipment (CE-CO)

Applicable Requirements

Ep=Emission Point EU=Emission Unit CE=Control Equipment

EP	EU	Emission Unit Description	Raw Material	Rated Capacity	CE	Control Equipment Description
EP-CO	EU-3	Wood Dip Dry Unit	Wood Treatment Solutions	80 gallons	CE-CO	Catalytic Oxidizer
	EU-4A	Wood Dip Dry Unit	Wood Treatment Solutions	120 gallons		
	EU-4B	Wood Dip Dry Unit	Wood Treatment Solutions	120 gallons		
	EU-5	Wood Dip Dry Unit	Wood Treatment Solutions	120 gallons		
	EU-6	Wood Dip Dry Unit	Wood Treatment Solutions	120 gallons		
	EU-CO	Catalytic Oxidizer	Natural Gas	3.0 MMBtu/hr		
EP-3(*)	EU-3	Wood Dip Dry Unit	Wood Treatment Solutions	80 gallons	N/A	N/A
EP-4A(*)	EU-4A	Wood Dip Dry Unit	Wood Treatment Solutions	120 gallons	N/A	N/A
EP-4B(*)	EU-4B	Wood Dip Dry Unit	Wood Treatment Solutions	120 gallons	N/A	N/A
EP-5(*)	EU-5	Wood Dip Dry Unit	Wood Treatment Solutions	120 gallons	N/A	N/A
EP-6(*)	EU-6	Wood Dip Dry Unit	Wood Treatment Solutions	120 gallons	N/A	N/A

(*) Bypass stacks.

Emission Limits (lb/hr, gr/dscf, lb/MMBtu, % opacity, etc.)

The emissions from these emission points shall not exceed the levels specified below.

EP	Opacity 567 IAC 23.3(2)"d"	PM (gr/dscf) 567 IAC 23.4(13)	SO_2 (ppmv) 567 IAC 23.3(3)"e"	VOC (tpy)	Iowa DNR - Air Quality Bureau Construction Permits
EP-CO	40 % (1)	0.01	500	61.3 (2)	02-A-337-S2
EP-3(*)	40 % (1)	0.01	N/A		00-A-471-S3
EP-4A(*)	40 % (1)	0.01	N/A		00-A-472-S3
EP-4B(*)	40 % (1)	0.01	N/A		02-A-834-S1
Ep-5(*)	40 % (1)	0.01	N/A		00-A-473-S3
Ep-6(*)	40 % (1)	0.01	N/A		00-A-474-S5

(*)Bypass Stacks.

(1) An exceedance of the indicator opacity of (10%) will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the excedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(2)For EU-3, EU-4A, EU-4B, EU-5, EU-6, and EU-CO (corresponding to EP-3, EP-4A, EP-4B, EP-5, EP-6 and EP-CO) the total emissions for any rolling 12-month period shall not exceed the 61.3 tpy bubble cap. The limit is based on operating limits, 95% destruction efficiency of the control equipment when EU-3, EU-4A, EU-4B, EU-5, and EU-6 run through EU-CO (EP-CO). The bubble limit is not to be exceeded in any combination of using the six emission points per rolling 12-month period.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Process Throughput:

1. The maximum VOC content of any preservative or mineral spirits (material) added to the dip tanks serving the Wood Preservative Dip Tank (EU-3, EU-4A, EU-4B, EU-5, and EU-6) shall not exceed 7.0 pounds per gallon.

2. Any non-HAP material plus mineral spirits may be added to the Wood Preservative Dip Tank (EU-3, EU-4A, EU-4B, EU-5, and EU-6).

3. The maximum material usage for the dip tanks serving the Wood Preservative Dip Tanks in conjunction with using the Catalytic Oxidizer (EU-3, EU-4A, EU-4B, EU-5, EU-6, and EU-CO) shall not exceed 350,285 gallons in any continuous twelve (12) month period, rolled monthly. (Note: this is based on 7.00 lb/gal for the material, a 95% destruction efficiency and a 61.3 tpy limit.)

4. The maximum VOC emission for the dip tanks serving the Wood Preservative Dip Tank (EU-3, EU-4A, EU-4B, EU-5, and EU-6) and the Catalytic Oxidizer (EU-CO) shall not exceed 61.3 tpy in any continuous twelve (12) month period rolled monthly.

Control Equipment Parameters:

1. Each of the by-pass stacks (EP-3, EP-4A, EP-4B, EP-5 and EP-6) shall have a device to determine the number of hours the by-pass stack is open to the atmosphere.

2. Maintain the catalytic oxidizer (EU-CO) destruction efficiency of 95% or greater.

3. Maintain the catalytic oxidizer (EU-CO) inlet temperature range to the main combustion chamber between 550 °F and 750 °F.

Reporting & Record keeping:

The following records shall be maintained on-site for five (5) years and available for inspection upon request by representatives of the Department of Natural Resources:

1. Record the VOC content of any preservative or mineral spirits added to the Wood Preservative Dip Tank (EU-3, EU-4A, EU-4B, EU-5, and EU-6) in pounds per gallon.

2. Record the amount of preservative and mineral spirits added to the Wood Preservative Dip tank (EU-3, EU-4A, EU-4B, EU-5, and EU-6) in gallons on a daily basis.

3. Record the number of hours the by-pass stacks (EU-3, EU-4A, EU-4B, EU-5, and EU-6) are open on a daily basis.

4. Calculate and record the total VOC amount in tons per month that are emitted by the by-pass stacks (EU-3, EU-4A, EU-4B, EU-5, and EU-6) and catalytic oxidizer (EP-CO).

5. Calculate and record on a rolling 12-month basis the total emissions from EP-3, EP-4A, EP-4B, EP-5, EP-6 and EP-CO to ensure the total emissions are below the 61.3 tpy limit.

6. Record the inlet temperature to the main combustion chamber to the catalytic oxidizer (EU-CO) every hour.

7. Maintain a record of the maintenance on the catalytic oxidizer (EU-CO) according to manufacturer's specifications.

Authority for Requirement: Iowa DNR Construction Permits 00-A471-S3, 00-A-472-S3, 02-A-834-S1, 00-A473-S2, 00-A-474-S5, 02-A-337-S2.

Emission Point Characteristics

These emission points shall conform to the specifications listed below.

Emission Point	Stack Height (feet, from ground)	Discharge Style	Stack opening (in., dia.)	Exhaust Temperature (°F)	Exhaust Flowrate (scfm)	Iowa DNR Construction Permits
EP-CO	40	Vertical Unobstructed	31	250 to 500	12,000	02-A-337-S2
EP-3(*)	29.5	Vertical Unobstructed	8	Ambient	1,800	00-A-471-S3
EP-4A(*)	29.5	Vertical Unobstructed	12	120	1,200	00-A-472-S3
EP-4B(*)	29.5	Vertical Unobstructed	12	120	1,200	02-A-834-S1
EP-5(*)	29.5	Vertical Unobstructed	8	Ambient	1,800	00-A-473-S3
EP-6(*)	29.5	Vertical Unobstructed	12	Ambient	1,750	00-A-474-S5

(*)Bypass Stacks.

It shall be the owner's responsibility to ensure that construction conforms with the emission point characteristics stated above. If it is determined that any of the emission point characteristics are different than stated above, the owner must notify the Department and obtain a construction permit amendment, if required.

Periodic Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Stack Testing:

Pollutant – VOC
1st Stack Test (EP-CO) Completed on 8/20/2002
1st Stack test (EP-CO) Result: 0.07 lb/hr, Destruction Efficiency 99.9%
Test Method – 40 CFR 60, Appendix A, Method 25A
Authority for Requirement – Iowa DNR Construction Permit 00-A-337-S2

The owner of this equipment or the owner's authorized agent shall provide written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a continuous emission monitor. Results of the test shall be submitted in writing to the Director in the form of a comprehensive report within 6 weeks of the completion of the testing. 567 IAC 25.1(7)

Agency Approved Operation & Maintenance Plan Required? Yes ☒ No ☐

Facility Maintained Operation & Maintenance Plan Required? Yes ☐ No ☒

Agency operation and Maintenance Plan for the Catalytic Oxidizer

Monitoring Guidelines
The facility makes a commitment to take timely corrective action during periods of excursion where the inlet temperature indicators are out of range. A corrective action shall include an investigation of the reason for the drop in temperature, evaluation of the situation and necessary follow-up
The facility makes a commitment to take timely corrective action during periods of excursion where the inlet temperature indicators are out of range. A corrective action shall include an investigation of the reason for the drop in temperature, evaluation of the situation and necessary follow-up action to return operation within the inlet temperature range. An excursion is determined with continuous monitoring of the catalytic oxidizer inlet temperature range to the main combustion chamber. The inlet temperature range will run between the temperature of 550 °F and 1000 °F to maintain the destruction efficiency of 95 % or greater. If for some reason the temperature should drop below the performance inlet temperature standard the wood treat dip/dry units will be automatically by-passed and vented to the atmosphere. The dip/dry units will be automatically recorded by an hour meter until the inlet temperature is maintained. An excursion is determined by the averaged discrete data point over a period of time. An excursion does not necessarily indicate a violation of an applicable requirement. If corrective action measures fail to return the inlet temperature to the appropriate range, the facility will report the exceedance to the department and conduct source testing within 90 days of the exceedance to demonstrate compliance with applicable requirements. The test must demonstrate compliance with 95 % or greater destruction capabilities for the operating permit. If the test demonstrates noncompliance with the destruction capabilities of 95% or greater, then the facility, within 60 days, proposes a schedule to implement corrective action to bring the source into compliance and demonstrate compliance. All above actions will be taken without exceeding the rolling VOC bubble limits specified in this section (Wood Treatment System) and in the Plant-Wide Conditions section.

General Guidelines
Periodic Monitoring is not required during periods of time greater than one day in which the source does not operate.

Weekly
- Change chart recorder paper and note any unusual temperature deviations on the oxidizer chart.

Monthly
- Visually inspect and check damper settings.
- Inspect fan motor for proper operation.
- Vibration readings will be conducted.

Quarterly

- Add lubrication to grease zurks on bearings.

Semiannually

- Inspect ductwork and fan housing for leaks.
- Add lubrication to grease zurks on motor.

Annually

- Visually inspect interior of the oxidizer.
- Verify chart recorder calibration
- The catalyst beads **will be checked and maintained according to the manufacturer's recommendations.** *Maintain a written record of the inspection and any action resulting from the inspection.*

Record Keeping and Reporting

Maintain a record of the maintenance on the catalytic oxidizer. Maintenance and inspection records will be kept for five years and available upon request.

Quality Control

- The inlet temperature range and catalyst beads will be operated and maintained according tot eh manufacturer's recommendations.
- The catalyst beads will be checked and maintained according to the manufacturer's recommendations. Maintain a written record of the inspection and any action resulting from the inspection.
- An adequate inventory or spare parts shall be kept.

Authority for Requirement: 567 IAC 22.108(3)"b"

Emission Point ID Number: Painting and Aluminum Pretreatment
(EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, Ep-12, EP-13, EP-14, EP-15, EP-16, EP-17, and EP-18)

Associated Equipment

Associated Emission Unit ID Numbers: EU-7 through EU-15, EU-17, and EU-18.
Associated Control unit ID Numbers and Descriptions: See the following table.

Applicable Requirements

EP=Emission Point EU=Emission Unit CE=Control Equipment

EP	EU	Emission Unit Description	Raw Material	Rated Capacity	CE	Control Equipment Description
EP-7	EU-7	Paint Spray Booth	Paint, Solvent	24 gal/hr	CE-7	Dry Filter Filter Bag
EP-8	EU-8	Primer Oven	Natural Gas	1.5 MMBtu/hr	None	N/A
EP-9	EU-9	Front Side Paint Booth	Paint, Solvent	24 gal/hr	CE-9	Dry Filter Filter Bag
EP-10	EU-10	Back Side Paint Booth	Paint, Solvent	24 gal/hr	CE-10	Dry Filter Filter Bag
EP-11A	EU-11	Topcoat Oven	Natural Gas	1.5 MMBtu/hr	None	N/A
EP-11B						
EP-12	EU-12	Reorder Paint Booth	Paint, Solvent	2.4 gal/hr	CE-12	Dry Filter Filter Bag
EP-13	EU-13	Reorder Oven	Natural Gas	1.5 MMBtu/hr	None	N/A
EP-14	EU-14	Laboratory Paint Booth	Paint, Solvent	3.0 gal/hr	CE-14	Dry Filter Filter Bag
EP-15	EU-15	Laboratory Electric Oven	Painted Parts	N/A	None	N/A
EP-16	EU-17	Pretreatment System	Detergent, Sealers	168 gal/hr	None	N/A
EP-17						
EP-18	EU-18	Dry Off Oven	Natural Gas	0.8 MMBtu/hr	None	N/A

Emission Limits (lb/hr, gr/dscf, lb/MMBtu. % opacity, Etc.)

The emissions from these emission points shall not exceed the levels specified below.

EPs	Opacity 567 IAC 23.3(2)"d"	PM (gr/dscf) 567 IAC 23.4(13)	SO_2 (ppmv) 567 IAC 23.3(3)"e"	VOC (tpy)	Single HAP (tpy)	Total HAP (tpy)	Iowa DNR Construction Permits
EP-7	40 % (1)	0.01	N/A	60(3)	9.4(4)	24.4(5)	00-A-475-S2
EP-8	40 % (2)	0.1(*)	500				00-A-476-S2
EP-9	40 % (1)	0.01	N/A				00-A-477-S2
EP-10	40 % (1)	0.01	N/A				00-A-478-S2
EP-11A	40 % (2)	0.1(*)	500				05-A-959-S1
EP-11B	40 % (2)	0.1	500				00-A-479-S3
EP-12	40 % (1)	0.01	N/A				00-A-480-S2
EP-13	40 % (2)	0.1(*)	500				00-A-481-S2
EP-14	40 % (1)	0.01	N/A				00-A-482-S2
EP-15	40 %	N/A	N/A				00-A-483-S2
EP-16	40 % (1)	0.01	N/A	N/A			00-A-484-S1
EP-17	40 % (1)	0.01	N/A	N/A			00-A-485-S1
EP-18	40 % (2)	0.6(**) Lb/MMBtu	500	N/A			00-A-486-S1

(*)Authority for Requirement of PM for EP-8, EP-11, EP-13: 567 IAC 23.3(2)"a"(1)
(**)Authority for Requirement of PM for EP-18: 567 IAC 23.3(2)"b"

(1) An exceedance of the indicator opacity of "no visible emissions" will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the excedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

You have both "no visible emissions" above (1) and 25% below (2). It needs to be one or the other?

(2) An exceedance of the indicator opacity of (25%) will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the excedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(3) A bubble limit of 60.0 tpy for VOC is being established for EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15) The bubble limit of 60 tpy for VOC shall not be exceed during any rolling 12-month period. This limit was requested by the facility to stay minor for PSD during the initial permitting.

(4) The facility is under a facility wide bubble limit of 9.4 tpy for each Individual HAP. The facility wide bubble limit of 9.4 tpy for each Individual HAP is to remain a synthetic minor for 112(g). The 9.4 tpy limit has been established from the initial permitting and is being used to

count all Individual HAP emissions at the facility.

(5) The facility is under a facility wide bubble limit of 24.4 tpy for Total HAP. The facility wide bubble limit of 24.4 tpy for Total HAP is to remain a synthetic minor for 112(g). The 24.4 tpy limit has been established from the initial permitting and is being used to count all Total HAP emissions at the facility.

Authority for Requirement: Iowa DNR Construction Permits 00-A-475-S2 through 00-A-486-S1

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits Part A

The following operating limits apply to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15:

A. A bubble limit of 60 tpy for VOC is being established for EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15). The bubble limit of 60 tpy for VOC shall not be exceed during any rolling 12-month period. This limit was requested by the facility to stay minor for PSD. All emissions of VOC and HAP for EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15) are accounted for in the Painting Operation and Pretreatment System. The ovens VOC and HAP are thus equal to zero for the "as-applied" paint emissions.

B. The facility has requested a limit of 16000 gallons per rolling 12-month period of polyester coatings for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

C. The facility has requested a limit on the polyester coating of a maximum VOC content not to exceed 5.0 pounds per gallon for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

D. The facility has requested a limit on the polyester coating of a maximum single HAP content not to exceed 0.75 pounds per gallon for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

E. The facility has requested a limit of 600 gallons per rolling 12-month period of HAP thinner (thinning solvent) for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13,

EP-14, and EP-15).

F. The facility has requested a limit on the HAP thinner (thinning solvent) of a maximum VOC content not to exceed 7.51 pounds per gallon for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

G. The facility has requested a limit on the HAP thinner (thinning solvent) of a maximum single HAP content not to exceed 7.51 pounds per gallon for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

H. The facility has requested a limit of 40000 color changes per rolling 12-month period for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

I. The facility has requested a limit on the color changes of a maximum VOC content not to exceed 0.74 pounds VOC per color change for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

J. The facility has requested a limit on the color changes of a maximum single HAP content not to exceed 0.25 pounds HAP per color change for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

K. The facility has requested a limit of 750 gallons per rolling 12-month period of Kynar Coatings for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

L. The facility has requested a limit on the Kynar Coatings of a maximum VOC content not to exceed 7.5 pounds per gallon for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

M. The facility has requested a limit on the Kynar Coatings of a maximum single HAP content not to exceed 7.0 pounds per gallon for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

Operating Condition Monitoring Part A

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection upon request by representatives of the Department of Natural Resources:

A. Calculate and record on a rolling 12-month basis the total VOC emissions from EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15) to ensure the total VOC emissions are below the 60.0 tpy limit.

B. Calculate and record on a rolling 12-month basis the amount of polyester coatings consumed for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

C. Record the maximum VOC content of any polyester coatings consumed for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

D. Record the maximum single HAP content of any polyester coatings consumed for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

E. Calculate and record on a rolling 12-month basis the amount of HAP thinner (thinning solvent) consumed for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

F. F. Record the maximum VOC content of any thinner consumed for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

G. Record the maximum single HAP content of any thinner consumed for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

H. Calculate and record on a rolling 12-month basis the amount of color changes for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

I. Record the maximum VOC content of any color change for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

J. Record the maximum single HAP content of any color change for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

K. Calculate and record on a rolling 12-month basis the amount of Kynar Coatings consumed for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

L. Record the maximum VOC content of any Kynar Coatings consumed for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

M. Record the maximum single HAP content of any Kynar Coatings consumed for emission units EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15).

N. The owner or operator may take credit for any waste VOC, Individual HAP, or Total HAP shipped offsite respectively. If the owner or operator is taking a credit, the owner or operator must record the amount of waste shipped offsite, and also analyze the VOC content, Individual HAP content, or Total HAP content of the waste at least once per month respectively. The sample analyzed shall be a representative sample (as defined in 40 CFR 260.10) of the loads credit is being taken for. The credit (calculated from the latest analysis and the amount shipped) may then be subtracted from the rolling totals of VOC, Individual HAP, or Total HAP respective sample as of the date the analysis is received.

O. Calculate the facility wide Single HAP emissions on a monthly basis and keep a 12-month rolling total. The owner or operator shall keep a rolling total of facility wide Single HAP emissions on a monthly basis until such time the facility wide Single HAP emissions exceed 9.0 tpy. At the time the facility wide Single HAP emissions exceed 9.0 tpy, the owner or operator shall begin keeping that day forward a 365 day rolling total amount of Single HAP emitted facility wide.

P. Calculate the facility wide Total HAP emissions on a monthly basis and keep a 12-month rolling total. The owner or operator shall keep a rolling total of facility wide Total HAP emissions on a monthly basis until such time the facility wide Total HAP emissions exceed 24.0 tpy. At the time the facility wide Total HAP emissions exceed 24.0 tpy, the owner or operator shall begin keeping that day forward a 365 day rolling total amount of Total HAP emitted facility wide.

Q. Maintain MSDS forms on site at all times.

Authority for Requirements: Iowa DNR Construction Permits 00-A-475-S2, 00-A-480-S2, 00-A-482-S2, 00-A-478-S2.

Operating Limits Part B

The following operating limits apply to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15:

A. Bubble limit of 60 tpy for VOC is being established for EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15). The bubble limit of 60 tpy for VOC shall not be exceed during any rolling 12-month period. This limit was requested by the facility to stay minor for PSD. All emissions of VOC and HAP for EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15) are accounted for in the Painting Operation and Pretreatment System. The ovens VOC and HAP are thus equal to zero for the "as-applied" paint emissions.

Operating Condition Monitoring Part B

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection upon request by representatives of the Department of Natural Resources:

A. Calculate and record on a rolling 12-month basis the total VOC emissions from EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15) to ensure the total VOC emissions are below the 60.0 tpy limit.

B. The owner or operator may take credit for any waste VOC, Individual HAP, or Total HAP shipped offsite respectively. If the owner or operator is taking a credit, the owner or operator must record the amount of waste shipped offsite, and also analyze the VOC content, Individual HAP content, or Total HAP content of the waste at least once per month respectively. The sample analyzed shall be a representative sample (as defined in 40 CFR 260.10) of the loads credit is being taken for. The credit (calculated from the latest analysis and the amount shipped) may then be subtracted from the rolling totals of VOC, Individual HAP, or Total HAP respective sample as of the date the analysis is received.

C. Calculate the facility wide Single HAP emissions on a monthly basis and keep a 12-month rolling total. The owner or operator shall keep a rolling total of facility wide Single HAP emissions on a monthly basis until such time the facility wide Single HAP emissions exceed 9.0 tpy. At the time the facility wide Single HAP emissions exceed 9.0 tpy, the owner or operator shall begin keeping that day forward a 365 day rolling total amount of Single HAP emitted facility wide.

D. Calculate the facility wide Total HAP emissions on a monthly basis and keep a 12-month rolling total. The owner or operator shall keep a rolling total of facility wide Total HAP emissions on a monthly basis until such time the facility wide Total HAP emissions exceed 24.0 tpy. At the time the facility wide Total HAP emissions exceed 24.0 tpy, the owner or

operator shall begin keeping that day forward a 365 day rolling total amount of Total HAP emitted facility wide.

Authority for Requirements: Iowa DNR Construction Permit 00-A-483-S2.

Operating Limits Part C

The following operating limits apply to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15:

A. A bubble limit of 60 tpy for VOC is being established for EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15). The bubble limit of 60 tpy for VOC shall not be exceed during any rolling 12-month period. This limit was requested by the facility to stay minor for PSD. All emissions of VOC and HAP for EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15) are accounted for in the Painting Operation and Pretreatment System. The ovens VOC and HAP are thus equal to zero for the "as-applied" paint emissions.

B. The oven may operate on natural gas only.

Operating Condition Monitoring Part C

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection upon request by representatives of the Department of Natural Resources:

A. Calculate and record on a rolling 12-month basis the total VOC emissions from EU-7, EU-8, EU-9, EU-10, EU-11, EU-12, EU-13, EU-14, and EU-15 (corresponding to EP-7, EP-8, EP-9, EP-10, EP-11A, EP-11B, EP-12, EP-13, EP-14, and EP-15) to ensure the total VOC emissions are below the 60.0 tpy limit.

B. The owner or operator may take credit for any waste VOC, Individual HAP, or Total HAP shipped offsite respectively. If the owner or operator is taking a credit, the owner or operator must record the amount of waste shipped offsite, and also analyze the VOC content, Individual HAP content, or Total HAP content of the waste at least once per month respectively. The sample analyzed shall be a representative sample (as defined in 40 CFR 260.10) of the loads credit is being taken for. The credit (calculated from the latest analysis and the amount shipped) may then be subtracted from the rolling totals of VOC, Individual HAP, or Total HAP respective sample as of the date the analysis is received.

C. Calculate the facility wide Single HAP emissions on a monthly basis and keep a 12-month rolling total. The owner or operator shall keep a rolling total of facility wide Single HAP emissions on a monthly basis until such time the facility wide Single HAP emissions exceed 9.0 tpy. At the time the facility wide Single HAP emissions exceed 9.0 tpy, the owner or operator shall begin keeping that day forward a 365 day rolling total amount of Single HAP

emitted facility wide.

D. Calculate the facility wide Total HAP emissions on a monthly basis and keep a 12-month rolling total. The owner or operator shall keep a rolling total of facility wide Total HAP emissions on a monthly basis until such time the facility wide Total HAP emissions exceed 24.0 tpy. At the time the facility wide Total HAP emissions exceed 24.0 tpy, the owner or operator shall begin keeping that day forward a 365 day rolling total amount of Total HAP emitted facility wide.

Authority for Requirements: Iowa DNR Construction Permits 00-A-476-S2, 00-A-481-S2, 05-A-959-S1.

Operating Limits Part D

The following operating limits apply to EP-16:

A. Maintain MSDS forms on site at all times.

Operating Condition Monitoring Part D

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection upon request by representatives of the Department of Natural Resources:

A. The owner or operator may take credit for any waste VOC, Individual HAP, or Total HAP shipped offsite respectively. If the owner or operator is taking a credit, the owner or operator must record the amount of waste shipped offsite, and also analyze the VOC content, Individual HAP content, or Total HAP content of the waste at least once per month respectively. The sample analyzed shall be a representative sample (as defined in 40 CFR 260.10) of the loads credit is being taken for. The credit (calculated from the latest analysis and the amount shipped) may then be subtracted from the rolling totals of VOC, Individual HAP, or Total HAP respective sample as of the date the analysis is received.

B. Calculate the facility wide Single HAP emissions on a monthly basis and keep a 12-month rolling total. The owner or operator shall keep a rolling total of facility wide Single HAP emissions on a monthly basis until such time the facility wide Single HAP emissions exceed 9.0 tpy. At the time the facility wide Single HAP emissions exceed 9.0 tpy, the owner or operator shall begin keeping that day forward a 365 day rolling total amount of Single HAP emitted facility wide. For the chromium, the stack test results may be used as verification of the emissions.

C. Calculate the facility wide Total HAP emissions on a monthly basis and keep a 12-month rolling total. The owner or operator shall keep a rolling total of facility wide Total HAP emissions on a monthly basis until such time the facility wide Total HAP emissions exceed 24.0 tpy. At the time the facility wide Total HAP emissions exceed 24.0 tpy, the owner or operator shall begin keeping that day forward a 365 day rolling total amount of Total HAP

emitted facility wide. For the chromium, the stack test results may be used as verification of the emissions.

Authority for Requirements: Iowa DNR Construction Permits 00-A-484-S1, 00-A-485-S1.

Emission Point Characteristics

These emission points shall conform to the specifications listed below.

Emission Point	Stack Height (feet from ground)	Discharge Style	Stack Opening (in., dia.)	Exhaust Temperature (°F):	Exhaust Flowrate (scfm)	Iowa DNR Construction Permits
EP-7	30.6	Vertical Unobstructed	34	Ambient	12,000	00-A-475-S2
EP-8	30.5	Vertical Unobstructed	8.5 in. x 14 in.	350	700	00-A-476-S2
EP-9	30.6	Vertical Unobstructed	34	Ambient	12,000	00-A-477-S2
EP-10	30.6	Vertical Unobstructed	34	Ambient	12,000	00-A-478-S2
EP-11A	34	Vertical Unobstructed	9.5 in. x 14 in.	500	1,350	05-A-959-S1
EP-11B	38	Vertical Unobstructed	13	500	2,350	00-A-479-S3
EP-12	30.6	Vertical Unobstructed	38	Ambient	12,000	00-A-480-S2
EP-13	30.5	Vertical Unobstructed	13.75 in x 9.5 in	500	350	00-A-481-S2
EP-14	30.6	Vertical Unobstructed	17.5	Ambient	1,500	00-A-482-S2
EP-15	30.5	Vertical Unobstructed	4	500	50	00-A-483-S2
EP-16	30.5	Vertical Unobstructed	18	150	2,500	00-A-484-S1
EP-17	30.5	Vertical Unobstructed	18	150	2,500	00-A-485-S1
EP-18	30.5	Vertical Unobstructed	8.25 in. x 7.5 in.	400	300	00-A-486-S1

It shall be the owner's responsibility to ensure that construction conforms to the emission point characteristics stated above. If it is determined that any of the emission point characteristics are different than stated above, the owner must notify the Department and obtain a construction permit amendment, if required.

Stack testing:

Pollutant – PM_{10}

1st Stack Test (EP-7) Completed on 10/29/2001 and 10/30/2001

1st Stack Test (EP-7) Results: 0.002 gr/scf, 0.15 lb/hr

1st Stack Test (EP-9) Completed on 10/29/2001 and 10/30/2001
1st Stack Test (EP-9 Results: 0.002 gr/scf, 0.14 lb/hr
Test Method – 40 CFR 51 – Appendix M, 201A with 202
Authority for Requirement – Iowa DNR Construction Permits 00-A-475-S2, 00-A-477-S2, 00-A-478-S2

The owner of this equipment or the owner's authorized agent shall provide written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a continuous emission monitor. Results of the test shall be submitted in writing to the Director in the form of a comprehensive report within 6 weeks of the completion of the testing. 567 IAC 25.1(7)

Agency Approved Operation & Maintenance Plan Required? Yes ☒ No ☐
Relevant requirements of O & M plan for this equipment: PM and PM_{10}

Facility Maintained Operation & Maintenance Plan Required? Yes ☐ No ☒

The following Agency Approved Operation & Maintenance Plans are required for paint booths EP-7, EP-9, EP-10, EP-12 and Ep-14.

Agency Paint Booth Operational & Maintenance Plan

Relevant requirements of O & M plan for this equipment:

1. Weekly
   - Inspect the paint booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
   - Maintain a written record of the observation and any action resulting form the inspection.
2. Record Keeping and Reporting
   - Maintenance and inspections records will be kept for five years and available upon request.

3. Quality Control
   - The filter equipment will be operated and maintained according to the manufacturers' recommendations.

Authority for Requirement: 567 IAC 22.108(3)"b"

Emission Point ID Number: EP 19

Associated Equipment

Associated Emission Unit ID Number: EU 19
Emissions control Equipment ID Number: CE-19
Emissions Control Equipment Description: Dry Filters

Applicable Requirements

Emission Unit vented through this Emission Point: EU-19
Emission Unit Description: Wood Prime Line
Raw Material/Fuel: Wood Parts, Paint
Rated Capacity: 28.8 gal/hr

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limits: 40% [(1)]
Authority for Requirement: 567 IAC 23.3(2)"d" (Iowa DNR Construction Permit 01-A-917-S1)

[(1)] An exceedance of the indicator opacity of (10%) will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/dscf
Authority for Requirement: 567 IAC 23.4(13) (Iowa DNR Construction Permit 01-A-917-S1)

Pollutant: Single HAP
Emission Limit(s): See Plant-Wide Emission Limits under Plant-Wide Conditions.
Authority for Requirement: Iowa DNR Construction Permit 01-A-917-S1

Pollutant: Total HAP
Emission Limit(s): See Plant-Wide Emission Limits under Plant-Wide Conditions.
Authority for Requirement: Iowa DNR Construction Permit 01-A-917-S1

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Process Throughput:

1) The amount of paint used in the Wood Prime Line EU-19 shall not exceed 4300 gallons per 12-month rolling period.

2) The VOC content of any paint used in the Wood Prime Line EU-19 shall not exceed 0.4 pounds per gallon.

3) Maintain MSDS forms on site at all times.

Reporting and Record keeping:

The following records shall be maintained on-site for five (5) years and available for inspection upon request by representatives of the Department of Natural Resources:

A. Record the amount of paint used in Wood Prime Line EU-19. Calculate and record monthly and 12-month rolling totals for the amount of paint used.

B. Record the VOC content of any paint used in the Wood Prime Line EU-19.

C. The owner or operator may take credit for any waste VOC, Individual HAP, or Total HAP shipped offsite respectively. If the owner or operator is taking a credit, the owner or operator must record the amount of waste shipped offsite, and also analyze the VOC content, Individual HAP content, or total HAP content of the waste at least once per month respectively. The sample analyzed shall be a representative sample (as defined in 40 CFR 260.10) of the loads credit is being taken for. The credit (calculated from the latest analysis and the amount shipped may then be subtracted form the rolling totals of VOC, Individual HAP, or Total HAP respective sample as of the date the analysis is received.

D. Calculate the facility wide Single HAP emission on a monthly basis and keep a 12-month rolling total. The owner or operator shall keep a rolling total of facility wide Single HAP emissions on a monthly basis until such time the facility wide Single HAP emissions exceed 9.0 tpy. At the time the facility wide Single HAP emission exceed 9.0 tpy, the owner or operator shall begin keeping that day forward a 365 day rolling total amount of Single HAP emitted facility wide.

E. Calculate the facility wide Total HAP emission on a monthly basis and keep a 12-month rolling total. The owner or operator shall keep a rolling total of facility side Total HAP emissions on a monthly basis until such time the facility wide Total HAP emission exceed 24.0 tpy. At the time the facility side Total HAP emissions exceed 24.0 tpy, the owner or operator shall begin keeping that day forward a 365 day rolling total amount of Total HAP

emitted facility wide.

Authority for Requirement: Iowa DNR Construction Permit 01-A-917-S1

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (feet, from the ground): 29 feet
Discharge Style: Vertical obstructed
Stack Opening (inches, dia.): 14 inches
Exhaust Temperature (^{o}F): 120
Exhaust Flowrate (scfm): 2,740

Authority for Requirement: Iowa DNR Construction Permit 01-A-917-S1

It shall be the owner's responsibility to ensure that construction conforms with the emission point characteristics stated above. If it is determined that any of the emission point characteristics are different than state above, the owner must notify the Department and obtain a construction permit amendment, if required.

Periodic Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes ☒ No ☐

Facility Maintained Operation & Maintenance Plan Required? Yes ☐ No ☒

Agency Paint Booth Operational & Maintenance Plan

Relevant requirement of O & M plan for this equipment:

1. Weekly
   - Inspect the paint booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
   - Maintain a written record of the observation and any action resulting from the inspection.
2. Record Keeping and Reporting
   - Maintenance and inspection records will be kept for five years and available upon request.
3. Quality Control
   - The filter equipment will be operated and maintained according to the manufacturers' recommendations.

Authority for Requirement: 567 IAC 22.108(3)"b"

Emission Point ID Number: EP-20

Associated Equipment

Associated Emission Unit ID Number: EU - 20
Emissions control Equipment ID Number: CE-20
Emission Control equipment Description: Dry Filters

Applicable Requirements

Emission Unit vented through this Emission Point: EU-20
Emission Unit Description: Maintenance Spray Booth
Raw Material/Fuel: Parts, Paint
Rated Capacity: 4.69 gal/hr

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limits: 40% (1)
Authority for Requirement: 567 IAC 23.3(2)"d"
Iowa DNR Construction Permit 03-A-657

(1) An exceedance of the indicator opacity of (10%) will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: Particulate Matter
Emission Limit(s): 0.01 gr/dscf
Authority for Requirement: 567 IAC 23.4(13)
Iowa DNR Construction Permit 03-A-657

Pollutant: Single HAP
Emission Limit(s): 9.4 Tons/Year(2)
Authority for Requirement: Iowa DNR Construction Permit 03-A-657

(2)The facility is under a facility wide Bubble limit of 9.4 tpy for each individual HAP. The facility wide bubble limit of 9.4 tpy for each individual HAS is to remain a synthetic minor for 112(g).

Pollutant: Total HAP
Emission Limit(s): 24.4 Tons/Year(3)
Authority for Requirement: Iowa DNR Construction Permit 03-A-657

[3]The facility is under a facility wide bubble limit of 24.4 tpy for total HAP. The facility wide bubble limit of 24.4 tpy for Total HAP is to remain a synthetic minor for 112(g).

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Process Throughput:

1) The amount of paint used in the Maintenance Spray Booth EU-20 shall not exceed 200 gallons per 12-month rolling period.
2) The Voc content of any "as sprayed" paint used in the Maintenance Spray Booth (EU-20) shall not exceed 7.0 pounds per gallon.
3) Maintain MSDS forms on site at all times.

Reporting and Record keeping:

The following records shall be maintained on-site for five (5) years and available for inspection upon request by representatives of the Department of Natural Resources:

1) Record the amount of paint used in the Maintenance Spray Booth (EU-20). Calculate and record monthly and 12–month rolling totals for the amount of paint used.
2) Record the VOC content of any paint used in the Maintenance Spray Booth (EU-20).
3) The owner or operator may take credit for any waste VOC, Individual HAP, or Total HAP shipped offiste respectively. If the owner or operator is taking credit, the owner or operator must record the amount of waste shipped offsite, and also analyze the VOC content, Individual HAP content, or Total HAP content of the waste at least once per month respectively. Tha sample analyzed shall be a representative sample (as defined in 40 CFR 260.10) of the loads credit is being taken for. The credit (calculated from the latest analysis and the amount shipped) may then be subtracted from the rolling totals of VOC, Individual HAP, or Total HAP respective sample as of the date the analysis is received.
4) Calculate the facility wide Single HAP emissions on a monthly basis and keep a 12-month rolling total. The owner or operator shall keep a rolling total of facility wide Single HAP emissions on a monthly basis until such time the facility wide Single HAP emissions exceed 9.0 tpy. At the time the facility wide Single HAP emissions exceed 9.0 tpy, the owner or operator shall begin keeping that day forward a 365 day rolling total amount of Single HAP emitted facility wide.
5) Calculate the facility wide Total HAP emissions on a monthly basis and keep a 12-month tolling total. The owner or operator shall keep a rolling total of facility wide Total HAP emissions on a monthly basis until such time the facility wide Total HAP emissions exceed 24.0 tpy. At the time the facility wide Total HAP emissions exceed 24.0 tpy, the owner or operator shall begin keeping that day forward a 365 day rolling total amount of Total HASP emitted facility wide.

Authority for Requirement: Iowa DNR Construction Permit 03-A-657

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height (feet, from the ground): 36 feet
Discharge Style: Vertical obstructed
Stack Opening (inches, dia.): 30 inches
Exhaust Temperature (^{o}F): Ambient
Exhaust Flowrate (scfm): 15,750

Authority for Requirement: Iowa DNR Construction Permit 03-A-657

It shall be the owner's responsibility to ensure that construction conforms with the emission point characteristics stated above. If it is determined that any of the emission point characteristics are different than state above, the owner must notify the Department and obtain a construction permit amendment, if required.

Periodic Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes ☒ No ☐

Facility Maintained Operation & Maintenance Plan Required? Yes ☐ No ☒

Agency Paint Booth Operational & Maintenance Plan

Relevant requirement of O & M plan for this equipment:

Weekly
1. Inspect the paint booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
2. Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting
1. Maintenance and inspection records will be kept for five years and available upon request.

Quality Control
1. The filter equipment will be operated and maintained according to the manufacturers' recommendations.

Authority for Requirement: 567 IAC 22.108(3)"b"

Emission Point ID Number: EP-AST

Associated Equipment

Associated Emission Unit ID Number: EU - AST
Emissions control Equipment ID Number: None

Applicable Requirements

Emission Unit vented through this Emission Point: EU-AST
Emission Unit Description: Above Ground Storage Tank
Raw Material/Fuel: Wood Preservative
Rated Capacity: 10,000 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Single HAP
Emission Limit(s): See Plant-Wide Emission Limits under Plant-Wide Conditions.
Authority for Requirement: Iowa DNR Construction Permit 01-A-917-S1.

Pollutant: Total HAP
Emission Limit(s): See Plant-Wide Emission Limits under Plant-Wide Conditions.
Authority for Requirement: Iowa DNR Construction Permit 01-A-917-S1.

Operational Limits and Requirements

Operating Condition Monitoring
All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection upon request by representatives of the Department of Natural Resources:

A. Calculate the facility wide Single HAP emission on a monthly basis and keep a 12-month rolling total. The owner or operator shall keep a rolling total of facility wide Single HAP emissions on a monthly basis until such time the facility wide Single HAP emissions exceed 9.0 tpy. At the time the facility wide Single HAP emissions exceed 9.0 tpy, the owner or operator shall begin keeping that day forward a 365 day rolling total amount of Single HAP emitted facility wide.

B. Calculate the facility wide Total HAP emission on a monthly basis and keep a 12-month rolling total. The owner or operator shall keep a rolling total of facility side Total HAP emissions on a monthly basis until such time the facility wide Total HAP emissions exceed 24.0 tpy. At the time the facility side Total HAP emissions exceed 24.0 tpy, the owner or operator shall begin keeping that day forward a 365 day rolling total amount of Total HAP emitted facility wide.

Authority for Requirements: Iowa DNR Construction Permits 00-A-536-S1.

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height (feet, from the ground): 8.5 feet
Discharge Style: Vertical Unobstructed
Stack Opening (inches, dia.): 2 inches
Exhaust Temperature (^{o}F): Ambient
Exhaust Flowrate (scfm): 100 scfm

Authority for Requirement: Iowa DNR Construction Permit 00-A-536

It shall be the owner's responsibility to ensure that construction conforms with the emission point characteristics stated above. If it is determined that any of the emission point characteristics are different than state above, the owner must notify the Department and obtain a construction permit amendment, if required.

Authority for Requirement: Iowa DNR construction Permit 00-A-536-S1

Periodic Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes ☐ No ☒

Facility Maintained Operation & Maintenance Plan Required? Yes ☐ No ☒

Authority for Requirement: 567 IAC 22.108(3)"b"

Emission Point ID Number: EP-Fugitive-Surf. App.

Associated Equipment

Associated Emission Unit ID Number: EU – Surface App.

Applicable Requirements

Emission Unit vented through this Emission Point: EU-Surface App.
Emission Unit Description: Miscellaneous Chemicals, Surface Application.
Raw Material/Fuel: Solvents, sealants, Adhesives, and like chemicals

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Single HAP
Emission Limit(s): See Plant-Wide Emission Limits under Plant-Wide Conditions.
Authority for Requirement: Iowa DNR Construction Permit 01-A-917-S1, 00-A-536-S1.

Pollutant: Total HAP
Emission Limit(s): See Plant-Wide Emission Limits under Plant-Wide Conditions.
Authority for Requirement: Iowa DNR Construction Permit 01-A-917-S1, 00-A-536-S1.

Periodic Monitoring Requirements
The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes ☐ No ☒

Facility Maintained Operation & Maintenance Plan Required? Yes ☐ No ☒

Authority for Requirement: 567 IAC 22.108(3)"b"

IV. General Conditions

This permit is issued under the authority of the Iowa Code subsection 455B.133(8) and in accordance with 567 Iowa Administrative Code chapter 22.

G1. Duty to Comply

1. The permittee must comply with all conditions of the Title V permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for a permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. *567 IAC 22.108(9)"a"*
2. Any compliance schedule shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based. *567 IAC 22.105 (2)"h"(3)*
3. Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be enforceable by the administrator and are incorporated into this permit. *567 IAC 22.108 (1)"b"*
4. Unless specified as either "state enforceable only" or "local program enforceable only", all terms and conditions in the permit, including provisions to limit a source's potential to emit, are enforceable by the administrator and citizens under the Act. *567 IAC 22.108 (14)*
5. It shall not be a defense for a permittee, in an enforcement action, that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. *567 IAC 22.108 (9)"b"*

G2. Permit Expiration

1. Except as provided in 567 IAC 22.104, the expiration of this permit terminates the permittee's right to operate unless a timely and complete application has been submitted for renewal. Any testing required for renewal shall be completed before the application is submitted. *567 IAC 22.116(2)*
2. To be considered timely, the owner, operator, or designated representative (where applicable) of each source required to obtain a Title V permit shall present or mail the Air Quality Bureau, Iowa Department of Natural Resources, Air Quality Bureau, 7900 Hickman Rd, Suite #1, Urbandale, Iowa 50322, two copies (three if your facility is located in Linn or Polk county) of a complete permit application, at least 6 months but not more than 18 months prior to the date of permit expiration. An additional copy must also be sent to EPA Region VII, Attention: Chief of Air Permits, 901 N. 5th St., Kansas City, KS 66101. The application must include all emission points, emission units, air pollution control equipment, and monitoring devices at the facility. All emissions generating activities, including fugitive emissions, must be included. The definition of a complete application is as indicated in 567 IAC 22.105(2). *567 IAC 22.105*

G3. Certification Requirement for Title V Related Documents

Any application, report, compliance certification or other document submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. All certifications shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. *567 IAC 22.107 (4)*

G4. Annual Compliance Certification

By March 31 of each year, the permittee shall submit compliance certifications for the previous calendar year. The certifications shall include descriptions of means to monitor the compliance status of all emissions sources including emissions limitations, standards, and work practices in accordance with applicable requirements. The certification for a source shall include the identification of each term or condition of the permit that is the basis of the certification; the

compliance status; whether compliance was continuous or intermittent; the method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with all applicable department rules. For sources determined not to be in compliance at the time of compliance certification, a compliance schedule shall be submitted which provides for periodic progress reports, dates for achieving activities, milestones, and an explanation of why any dates were missed and preventive or corrective measures. The compliance certification shall be submitted to the administrator, director, and the appropriate DNR Field office. *567 IAC 22.108 (15)"e"*

G5. Semi-Annual Monitoring Report

By March 31 and September 30 of each year, the permittee shall submit a report of any monitoring required under this permit for the 6 month periods of July 1 to December 31 and January 1 to June 30, respectively. All instances of deviations from permit requirements must be clearly identified in these reports, and the report must be signed by a responsible official, consistent with 567 IAC 22.107(4). The semi-annual monitoring report shall be submitted to the director and the appropriate DNR Field office. *567 IAC 22.108 (5)*

G6. Annual Fee

1. The permittee is required under subrule 567 IAC 22.106 to pay an annual fee based on the total tons of actual emissions of each regulated air pollutant. Beginning July 1, 1996, Title V operating permit fees will be paid on July 1 of each year. The fee shall be based on emissions for the previous calendar year.
2. The fee amount shall be calculated based on the first 4,000 tons of each regulated air pollutant emitted each year. The fee to be charged per ton of pollutant will be available from the department by June 1 of each year. The Responsible Official will be advised of any change in the annual fee per ton of pollutant.
3. The following forms shall be submitted annually by March 31 documenting actual emissions for the previous calendar year.
    a. Form 1.0 "Facility Identification";
    b. Form 4.0 "Emissions unit-actual operations and emissions" for each emission unit;
    c. Form 5.0 "Title V annual emissions summary/fee"; and
    d. Part 3 "Application certification."
4. The fee shall be submitted annually by July 1. The fee shall be submitted with the following forms:
    a. Form 1.0 "Facility Identification";
    b. Form 5.0 "Title V annual emissions summary/fee";
    c. Part 3 "Application certification."
5. If there are any changes to the emission calculation form, the department shall make revised forms available to the public by January 1. If revised forms are not available by January 1, forms from the previous year may be used and the year of emissions documented changed. The department shall calculate the total statewide Title V emissions for the prior calendar year and make this information available to the public no later than April 30 of each year.
6. Phase I acid rain affected units under section 404 of the Act shall not be required to pay a fee for emissions which occur during the years 1993 through 1999 inclusive.
7. The fee for a portable emissions unit or stationary source which operates both in Iowa and out of state shall be calculated only for emissions from the source while operating in Iowa.
8. Failure to pay the appropriate Title V fee represents cause for revocation of the Title V permit as indicated in 567 IAC 22.115(1)"d".

G7. Inspection of Premises, Records, Equipment, Methods and Discharges
Upon presentation of proper credentials and any other documents as may be required by law, the permittee shall allow the director or the director's authorized representative to:
1. Enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
3. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
4. Sample or monitor, at reasonable times, substances or parameters for the purpose of ensuring compliance with the permit or other applicable requirements. *567 IAC 22.108 (15)"b"*

G8. Duty to Provide Information
The permittee shall furnish to the director, within a reasonable time, any information that the director may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the director copies of records required to be kept by the permit, or for information claimed to be confidential, the permittee shall furnish such records directly to the administrator of EPA along with a claim of confidentiality. *567 IAC 22.108 (9)"e"*

G9. General Maintenance and Repair Duties
The owner or operator of any air emission source or control equipment shall:
1. Maintain and operate the equipment or control equipment at all times in a manner consistent with good practice for minimizing emissions.
2. Remedy any cause of excess emissions in an expeditious manner.
3. Minimize the amount and duration of any excess emission to the maximum extent possible during periods of such emissions. These measures may include but not be limited to the use of clean fuels, production cutbacks, or the use of alternate process units or, in the case of utilities, purchase of electrical power until repairs are completed.
4. Schedule, at a minimum, routine maintenance of equipment or control equipment during periods of process shutdowns to the maximum extent possible. *567 IAC 24.2(1)*

G10. Recordkeeping Requirements for Compliance Monitoring
1. In addition to any source specific recordkeeping requirements contained in this permit, the permittee shall maintain the following compliance monitoring records, where applicable:
    a. The date, place and time of sampling or measurements
    b. The date the analyses were performed.
    c. The company or entity that performed the analyses.
    d. The analytical techniques or methods used.
    e. The results of such analyses; and
    f. The operating conditions as existing at the time of sampling or measurement.
    g. The records of quality assurance for continuous compliance monitoring systems (including but not limited to quality control activities, audits and calibration drifts.)
2. The permittee shall retain records of all required compliance monitoring data and support information for a period of at least 5 years from the date of compliance monitoring sample, measurement report or application. Support information includes all calibration and maintenance records and all original strip chart recordings for continuous compliance monitoring, and copies of all reports required by the permit.

3. For any source which in its application identified reasonably anticipated alternative operating scenarios, the permittee shall:

a. Comply with all terms and conditions of this permit specific to each alternative scenario.

b. Maintain a log at the permitted facility of the scenario under which it is operating.

c. Consider the permit shield, if provided in this permit, to extend to all terms and conditions under each operating scenario. *567 IAC 22.108(4), 567 IAC 22.108(12)*

G11. Evidence used in establishing that a violation has or is occurring.

Notwithstanding any other provisions of these rules, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any provisions herein.

1. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred at a source:

a. A monitoring method approved for the source and incorporated in an operating permit pursuant to 567 Chapter 22;

b. Compliance test methods specified in 567 Chapter 25; or

c. Testing or monitoring methods approved for the source in a construction permit issued pursuant to 567 Chapter 22.

2. The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:

a. Any monitoring or testing methods provided in these rules; or

b. Other testing, monitoring, or information gathering methods that produce information comparable to that produced by any method in subrule 21.5(1) or this subrule. *567 IAC 21.5(1)-567 IAC 21.5(2)*

G12. Prevention of Accidental Release: Risk Management Plan Notification and Compliance Certification

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Act, the permittee shall notify the department of this requirement. The plan shall be filed with all appropriate authorities by the deadline specified by EPA. A certification that this risk management plan is being properly implemented shall be included in the annual compliance certification of this permit. *567 IAC 22.108(6)*

G13. Hazardous Release

The permittee must report any situation involving the actual, imminent, or probable release of a hazardous substance into the atmosphere which, because of the quantity, strength and toxicity of the substance, creates an immediate or potential danger to the public health, safety or to the environment. A verbal report shall be made to the department at (515) 281-8694 and to the local police department or the office of the sheriff of the affected county as soon as possible but not later than six hours after the discovery or onset of the condition. This verbal report must be followed up with a written report as indicated in 567 IAC 131.2(2). *567 IAC Chapter 131-State Only*

G14. Excess Emissions and Excess Emissions Reporting Requirements

1. Excess Emissions. Excess emission during a period of startup, shutdown, or cleaning of control equipment is not a violation of the emission standard if the startup, shutdown or cleaning is accomplished expeditiously and in a manner consistent with good practice for minimizing emissions. Cleaning of control equipment which does not require the shutdown of the process

equipment shall be limited to one six-minute period per one-hour period. An incident of excess emission (other than an incident during startup, shutdown or cleaning of control equipment) is a violation. If the owner or operator of a source maintains that the incident of excess emission was due to a malfunction, the owner or operator must show that the conditions which caused the incident of excess emission were not preventable by reasonable maintenance and control measures. Determination of any subsequent enforcement action will be made following review of this report. If excess emissions are occurring, either the control equipment causing the excess emission shall be repaired in an expeditious manner or the process generating the emissions shall be shutdown within a reasonable period of time. An expeditious manner is the time necessary to determine the cause of the excess emissions and to correct it within a reasonable period of time. A reasonable period of time is eight hours plus the period of time required to shut down the process without damaging the process equipment or control equipment. In the case of an electric utility, a reasonable period of time is eight hours plus the period of time until comparable generating capacity is available to meet consumer demand with the affected unit out of service, unless, the director shall, upon investigation, reasonably determine that continued operation constitutes an unjustifiable environmental hazard and issue an order that such operation is not in the public interest and require a process shutdown to commence immediately.

2. Excess Emissions Reporting

a. Oral Reporting of Excess Emissions. An incident of excess emission (other than an incident of excess emission during a period of startup, shutdown, or cleaning) shall be reported to the appropriate field office of the department within eight hours of, or at the start of the first working day following the onset of the incident. The reporting exemption for an incident of excess emission during startup, shutdown or cleaning does not relieve the owner or operator of a source with continuous monitoring equipment of the obligation of submitting reports required in 567-subrule 25.1(6). An oral report of excess emission is not required for a source with operational continuous monitoring equipment (as specified in 567-subrule 25.1(1)) if the incident of excess emission continues for less than 30 minutes and does not exceed the applicable emission standard by more than 10 percent or the applicable visible emission standard by more than 10 percent opacity. The oral report may be made in person or by telephone and shall include as a minimum the following:

i. The identity of the equipment or source operation from which the excess emission originated and the associated stack or emission point.

ii. The estimated quantity of the excess emission.

iii. The time and expected duration of the excess emission.

iv. The cause of the excess emission.

v. The steps being taken to remedy the excess emission.

vi. The steps being taken to limit the excess emission in the interim period.

b. Written Reporting of Excess Emissions. A written report of an incident of excess emission shall be submitted as a follow-up to all required oral reports to the department within seven days of the onset of the upset condition, and shall include as a minimum the following:

i. The identity of the equipment or source operation point from which the excess emission originated and the associated stack or emission point.

ii. The estimated quantity of the excess emission.

iii. The time and duration of the excess emission.

iv. The cause of the excess emission.
v. The steps that were taken to remedy and to prevent the recurrence of the incident of excess emission.
vi. The steps that were taken to limit the excess emission.
vii. If the owner claims that the excess emission was due to malfunction, documentation to support this claim. *567 IAC 24.1(1)-567 IAC 24.1(4)*

3. Emergency Defense for Excess Emissions. For the purposes of this permit, an "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include non-compliance, to the extent caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation or operator error. An emergency constitutes an affirmative defense to an action brought for non-compliance with technology based limitations if it can be demonstrated through properly signed contemporaneous operating logs or other relevant evidence that:

a. An emergency occurred and that the permittee can identify the cause(s) of the emergency;
b. The facility at the time was being properly operated;
c. During the period of the emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements of the permit; and
d. The permittee submitted notice of the emergency to the director by certified mail within two working days of the time when the emissions limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. *567 IAC 22.108(16)*

G15. Permit Deviation Reporting Requirements

A deviation is any failure to meet a term, condition or applicable requirement in the permit. Reporting requirements for deviations that result in a hazardous release or excess emissions have been indicated above (see G13 and G14). Unless more frequent deviation reporting is specified in the permit, any other deviation shall be documented in the semi-annual monitoring report and the annual compliance certification (see G4 and G5). *567 IAC 22.108(5)"b"*

G16. Notification Requirements for Sources That Become Subject to NSPS and NESHAP Regulations

During the term of this permit, the permittee must notify the department of any source that becomes subject to a standard or other requirement under 567-subrule 23.1(2) (standards of performance of new stationary sources) or section 111 of the Act; or 567-subrule 23.1(3) (emissions standards for hazardous air pollutants), 567-subrule 23.1(4) (emission standards for hazardous air pollutants for source categories) or section 112 of the Act. This notification shall be submitted in writing to the department pursuant to the notification requirements in 40 CFR Section 60.7, 40 CFR Section 61.07, and/or 40 CFR Section 63.9. *567 IAC 23.1(2), 567 IAC 23.1(3), 567 IAC 23.1(4)*

G17. Requirements for Making Changes to Emission Sources That Do Not Require Title V Permit Modification

1. Off Permit Changes to a Source. Pursuant to section 502(b)(10) of the CAAA, the permittee may make changes to this installation/facility without revising this permit if:

a. The changes are not major modifications under any provision of any program required by section 110 of the Act, modifications under section 111 of the act, modifications under section 112 of the act, or major modifications as defined in 567 IAC Chapter 22.
b. The changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions);
c. The changes are not modifications under any provisions of Title I of the Act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or as total emissions);
d. The changes are not subject to any requirement under Title IV of the Act.
e. The changes comply with all applicable requirements.
f. For such a change, the permitted source provides to the department and the administrator by certified mail, at least 30 days in advance of the proposed change, a written notification, including the following, which must be attached to the permit by the source, the department and the administrator:

i. A brief description of the change within the permitted facility,
ii. The date on which the change will occur,
iii. Any change in emission as a result of that change,
iv. The pollutants emitted subject to the emissions trade
v. If the emissions trading provisions of the state implementation plan are invoked, then Title V permit requirements with which the source shall comply; a description of how the emissions increases and decreases will comply with the terms and conditions of the Title V permit.
vi. A description of the trading of emissions increases and decreases for the purpose of complying with a federally enforceable emissions cap as specified in and in compliance with the Title V permit; and
vii. Any permit term or condition no longer applicable as a result of the change. *567 IAC 22.110(1)*

2. Such changes do not include changes that would violate applicable requirements or contravene federally enforceable permit terms and conditions that are monitoring (including test methods), record keeping, reporting, or compliance certification requirements. *567 IAC 22.110(2)*
3. Notwithstanding any other part of this rule, the director may, upon review of a notice, require a stationary source to apply for a Title V permit if the change does not meet the requirements of subrule 22.110(1). *567 IAC 22.110(3)*
4. The permit shield provided in subrule 22.108(18) shall not apply to any change made pursuant to this rule. Compliance with the permit requirements that the source will meet using the emissions trade shall be determined according to requirements of the state implementation plan authorizing the emissions trade. *567 IAC 22.110(4)*
5. No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes, for changes that are provided for in this permit. *567 IAC 22.108(11)*

G18. Duty to Modify a Title V Permit

1. Administrative Amendment.

a. An administrative permit amendment is a permit revision that is required to do any of the following:

i. Correct typographical errors
ii. Identify a change in the name, address, or telephone number of any person identified in the permit, or provides a similar minor administrative change at the source;
iii. Require more frequent monitoring or reporting by the permittee; or
iv. Allow for a change in ownership or operational control of a source where the director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new permittee has been submitted to the director.

b. The permittee may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request. The request shall be submitted to the director.

c. Administrative amendments to portions of permits containing provisions pursuant to Title IV of the Act shall be governed by regulations promulgated by the administrator under Title IV of the Act.

2. Minor Permit Modification.

a. Minor permit modification procedures may be used only for those permit modifications that do any of the following:

i. Do not violate any applicable requirements
ii. Do not involve significant changes to existing monitoring, reporting or recordkeeping requirements in the Title V permit.
iii. Do not require or change a case by case determination of an emission limitation or other standard, or increment analysis.
iv. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed in order to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include any federally enforceable emissions caps which the source would assume to avoid classification as a modification under any provision under Title I of the Act; and an alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Act.;
v. Are not modifications under any provision of Title I of the Act; and
vi. Are not required to be processed as significant modification.

b. An application for minor permit revision shall be on the minor Title V modification application form and shall include at least the following:

i. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs.
ii. The permittee's suggested draft permit
iii. Certification by a responsible official, pursuant to 567 IAC 22.107(4), that the proposed modification meets the criteria for use of a minor permit modification procedures and a request that such procedures be used; and
iv. Completed forms to enable the department to notify the administrator and the affected states as required by 567 IAC 22.107(7).

c. The permittee may make the change proposed in its minor permit modification application immediately after it files the application. After the permittee makes this

change and until the director takes any of the actions specified in 567 IAC 22.112(4) "a" to "c", the permittee must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this time, the permittee need not comply with the existing permit terms and conditions it seeks to modify. However, if the permittee fails to comply with its proposed permit terms and conditions during this time period, existing permit term terms and conditions it seeks to modify may subject the facility to enforcement action.

3. Significant Permit Modification. Significant Title V modification procedures shall be used for applications requesting Title V permit modifications that do not qualify as minor Title V modifications or as administrative amendments. These include but are not limited to all significant changes in monitoring permit terms, every relaxation of reporting or recordkeeping permit terms, and any change in the method of measuring compliance with existing requirements. Significant Title V modifications shall meet all requirements of 567 IAC Chapter 22, including those for applications, public participation, review by affected states, and review by the administrator, and those requirements that apply to Title V issuance and renewal. *567 IAC 22.111-567 IAC 22.113* The permittee shall submit an application for a significant permit modification not later than three months after commencing operation of the changed source unless the existing Title V permit would prohibit such construction or change in operation, in which event the operation of the changed source may not commence until the department revises the permit. *567 IAC 22.105(1)"a"(4)*

G19. Duty to Obtain Construction Permits

Unless exempted under 567 IAC 22.1(2), the permittee must not construct, install, reconstruct, or alter any equipment, control equipment or anaerobic lagoon without first obtaining a construction permit, conditional permit, or permit pursuant to 567 IAC 22.8, or permits required pursuant to 567 IAC 22.4 and 567 IAC 22.5. Such permits shall be obtained prior to the initiation of construction, installation or alteration of any portion of the stationary source. *567 IAC 22.1(1)*

G20. Asbestos

The permittee shall comply with 567 IAC 23.1(3)"a", and 567 IAC 23.2(3)"g" when activities involve asbestos mills, surfacing of roadways, manufacturing operations, fabricating, insulating, waste disposal, spraying applications, demolition and renovation operations, training fires and controlled burning of a demolished building. *567 IAC 23.1(3)"a", and 567 IAC 23.2*

G21. Open Burning

The permittee is prohibited from conducting open burning, except as may be allowed by 567 IAC 23.2. *567 IAC 23.2 <u>except</u> 23.2(3)"h"; 567 IAC 23.2(3)"h" - State Only*

G22. Acid Rain (Title IV) Emissions Allowances

The permittee shall not exceed any allowances that it holds under Title IV of the Act or the regulations promulgated there under. Annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide held by the owners and operators of the unit or the designated representative of the owners and operators is prohibited. Exceedences of applicable emission rates are prohibited. "Held" in this context refers to both those allowances assigned to the owners and operators by USEPA, and those allowances supplementally acquired by the owners and operators. The use of any allowance prior to the year for which it was allocated is prohibited. Contravention of any other provision of the permit is prohibited. *567 IAC 22.108(7)*

G23. Stratospheric Ozone and Climate Protection (Title VI) Requirements

1. The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

a. All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to § 82.106.

b. The placement of the required warning statement must comply with the requirements pursuant to § 82.108.

c. The form of the label bearing the required warning statement must comply with the requirements pursuant to § 82.110.

d. No person may modify, remove, or interfere with the required warning statement except as described in § 82.112.

2. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVACs in Subpart B:

a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to § 82.156.

b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to § 82.158.

c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to § 82.161.

d. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with reporting and recordkeeping requirements pursuant to § 82.166. ("MVAC-like appliance" as defined at § 82.152)

e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to § 82.156.

f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to § 82.166.

3. If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.

4. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant,

5. The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR part 82, Subpart G, Significant New Alternatives Policy Program. *40 CFR part 82*

G24. Permit Reopenings

1. This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or

termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. *567 IAC 22.108(9)"c"*

2. Additional applicable requirements under the Act become applicable to a major part 70 source with a remaining permit term of 3 or more years. Revisions shall be made as expeditiously as practicable, but not later than 18 months after the promulgation of such standards and regulations.

a. Reopening and revision on this ground is not required if the permit has a remaining term of less than three years;

b. Reopening and revision on this ground is not required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions have been extended pursuant to 40 CFR 70.4(b)(10)(i) or (ii) as amended to June 25, 1993.

c. Reopening and revision on this ground is not required if the additional applicable requirements are implemented in a general permit that is applicable to the source and the source receives approval for coverage under that general permit. *567 IAC 22.108(17)"a", 567 IAC 22.108(17)"b"*

3. A permit shall be reopened and revised under any of the following circumstances:

a. The department receives notice that the administrator has granted a petition for disapproval of a permit pursuant to 40 CFR 70.8(d) as amended to June 25, 1993, provided that the reopening may be stayed pending judicial review of that determination;

b. The department or the administrator determines that the Title V permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the Title V permit;

c. Additional applicable requirements under the Act become applicable to a Title V source, provided that the reopening on this ground is not required if the permit has a remaining term of less than three years, the effective date of the requirement is later than the date on which the permit is due to expire, or the additional applicable requirements are implemented in a general permit that is applicable to the source and the source receives approval for coverage under that general permit. Such a reopening shall be complete not later than 18 months after promulgation of the applicable requirement.

d. Additional requirements, including excess emissions requirements, become applicable to a Title IV affected source under the acid rain program. Upon approval by the administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

e. The department or the administrator determines that the permit must be revised or revoked to ensure compliance by the source with the applicable requirements. *567 IAC 22.114(1)*

4. Proceedings to reopen and reissue a Title V permit shall follow the procedures applicable to initial permit issuance and shall effect only those parts of the permit for which cause to reopen exists. *567 IAC 22.114(2)*

G25. Permit Shield

1. The director may expressly include in a Title V permit a provision stating that compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:

a. Such applicable requirements are included and are specifically identified in the permit; or

b. The director, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination or a concise summary thereof.

2. A Title V permit that does not expressly state that a permit shield exists shall be presumed not to provide such a shield.

3. A permit shield shall not alter or affect the following:

a. The provisions of Section 303 of the Act (emergency orders), including the authority of the administrator under that section;

b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;

c. The applicable requirements of the acid rain program, consistent with Section 408(a) of the Act;

d. The ability of the department or the administrator to obtain information from the facility pursuant to Section 114 of the Act. *567 IAC 22.108 (18)*

G26. Severability

The provisions of this permit are severable and if any provision or application of any provision is found to be invalid by this department or a court of law, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected by such finding. *567 IAC 22.108 (8)*

G27. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege. *567 IAC 22.108 (9)"d"*

G28. Transferability

This permit is not transferable from one source to another. If title to the facility or any part of it is transferred, an administrative amendment to the permit must be sought to determine transferability of the permit. *567 IAC 22.111 (1)"d"*

G29. Disclaimer

No review has been undertaken on the engineering aspects of the equipment or control equipment other than the potential of that equipment for reducing air contaminant emissions. *567 IAC 22.3(3)"c"*

G30. Notification and Reporting Requirements for Stack Tests or Monitor Certification

The permittee shall notify the department's stack test contact in writing not less than 30 days before a required test or performance evaluation of a continuous emission monitor is performed to determine compliance with an applicable requirement. For the department to consider test results a valid demonstration of compliance with applicable rules or a permit condition, such notice shall be given. Such notice shall include the time, the place, the name of the person who will conduct the test and other information as required by the department. Unless specifically waived by the department's stack test contact, a pretest meeting shall be held not later than 15 days prior to conducting the compliance demonstration. The department may accept a testing protocol in lieu of a pretest meeting. A representative of the department shall be permitted to witness the tests. Results of the tests shall be submitted in writing to the department's stack test contact in the form of a comprehensive report within six weeks of the completion of the testing. Compliance tests conducted pursuant to this permit shall be conducted with the source operating in a normal manner at its maximum continuous output as rated by the equipment manufacturer, or the rate specified by the owner as the maximum production rate at which the source shall be

operated. In cases where compliance is to be demonstrated at less than the maximum continuous output as rated by the equipment manufacturer, and it is the owner's intent to limit the capacity to that rating, the owner may submit evidence to the department that the source has been physically altered so that capacity cannot be exceeded, or the department may require additional testing, continuous monitoring, reports of operating levels, or any other information deemed necessary by the department to determine whether such source is in compliance.

Stack test notifications, reports and correspondence shall be sent to:

Stack Test Review Coordinator
Iowa DNR, Air Quality Bureau
7900 Hickman Road, Suite #1
Urbandale, IA 50322
(515) 242-6001

Within Polk and Linn Counties, stack test notifications, reports and correspondence shall also be directed to the supervisor of the respective county air pollution program.

567 IAC 25.1(7)"a", 567 IAC 25.1(9)

G31. Prevention of Air Pollution Emergency Episodes
The permittee shall comply with the provisions of 567 IAC Chapter 26 in the prevention of excessive build-up of air contaminants during air pollution episodes, thereby preventing the occurrence of an emergency due to the effects of these contaminants on the health of persons. *567 IAC 26.1(1)*

G32. Contacts List
The current address and phone number for reports and notifications to the EPA administrator is:

Chief of Air Permits
EPA Region 7
Air Permits and Compliance Branch
901 N. 5th Street
Kansas City, KS 66101
(913) 551-7020

The current address and phone number for reports and notifications to the department or the Director is:

Chief, Air Quality Bureau
Iowa Department of Natural Resources
7900 Hickman Road, Suite #1
Urbandale, IA 50322
(515) 242-5100

Reports or notifications to the DNR Field Offices or local programs shall be directed to the supervisor at the appropriate field office or local program. Current addresses and phone numbers are:

Field Office 1
909 West Main – Suite 4
Manchester, IA 52057
(563) 927-2640

Field Office 2
P.O. Box 1443
2300-15th St., SW
Mason City, IA 50401
(641) 424-4073

Field Office 3
1900 N. Grand Ave.
Spencer, IA 51301
(712) 262-4177

Field Office 4
1401 Sunnyside Lane
Atlantic, IA 50022
(712) 243-1934

Field Office 5
401 SW 7th Street, Suite I
Des Moines, IA 50309
(515) 725-0268

Field Office 6
1023 West Madison Street
Washington, IA 52353-1623
(319) 653-2135

Polk County Public Works Dept.
Air Quality Division
5885 NE 14th St.
Des Moines, IA 50313
(515) 286-3351

Linn County Public Health Dept.
Air Pollution Control Division
501 13th St., NW
Cedar Rapids, IA 52405
(319) 892-6000